

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/14901A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C03B37/027 C03B37/029

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C03B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

PAJ, WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/046358 A1 (SASAOKA E ET AL) 29 November 2001 (2001-11-29) paragraphs '0014!, '0039!, '0056!, '0058!, '0066!, '0069!; figure 4 ---	1
X	EP 0 729 919 A (SUMITOMO ELECTRIC IND LTD) 4 September 1996 (1996-09-04) column 15, line 26 -column 16, line 9; figures 6,9,13; example 2 ---	1 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
3 September 2003	10/09/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Stroud, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 02/14901

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GALTAROSSA A ET AL: "OPTIMIZED SPINNING DESIGN FOR LOW PMD FIBERS: AN ANALYTICAL APPROACH" JOURNAL OF LIGHTWAVE TECHNOLOGY, IEEE. NEW YORK, US, vol. 19, no. 10, October 2001 (2001-10), pages 1502-1512, XP001115815 ISSN: 0733-8724 page 1502, paragraphs 1, INTRODUCTION; examples V,A page 1509, paragraphs VI,A -----	1
A	EP 0 582 405 A (AT&T CO) 9 February 1994 (1994-02-09) cited in the application column 6 -----	1
A	US 6 240 748 B1 (HENDERSON D L ET AL) 5 June 2001 (2001-06-05) cited in the application abstract; figures 13,14 -----	1
E	EP 1 325 894 A (FITEL USA CORP) 9 July 2003 (2003-07-09) column 4, paragraphs 17,18 column 6, paragraph 23 -column 8, paragraph 32 column 9, paragraph 36 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/14901

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2001046358	A1	29-11-2001	EP WO	1258751 A1 0135132 A1		20-11-2002 17-05-2001
EP 0729919	A	04-09-1996	JP AU AU DE DE EP US US	8295528 A 690414 B2 4584296 A 69625399 D1 69625399 T2 0729919 A2 6347537 B1 6076376 A		12-11-1996 23-04-1998 05-09-1996 30-01-2003 17-07-2003 04-09-1996 19-02-2002 20-06-2000
EP 582405	A	09-02-1994	US CA CN DE DE DK EP JP JP MX US	5298047 A 2098747 A1 1083449 A ,B 69327823 D1 69327823 T2 582405 T3 0582405 A1 2981088 B2 6171970 A 9304583 A1 5418881 A		29-03-1994 04-02-1994 09-03-1994 16-03-2000 27-07-2000 13-06-2000 09-02-1994 22-11-1999 21-06-1994 28-02-1994 23-05-1995
US 6240748	B1	05-06-2001	US AU AU BR CA CN EP JP JP RU WO	5943466 A 719604 B2 1579497 A 9707059 A 2242989 A1 1209793 A ,B 0876305 A1 3226283 B2 11508221 T 2166484 C2 9726221 A1		24-08-1999 11-05-2000 11-08-1997 20-07-1999 24-07-1997 03-03-1999 11-11-1998 05-11-2001 21-07-1999 10-05-2001 24-07-1997
EP 1325894	A	09-07-2003	US EP JP	2003128942 A1 1325894 A2 2003195085 A		10-07-2003 09-07-2003 09-07-2003